



ELSEVIER

Sedimentary Geology 112 (1997) 309–310

---

**Sedimentary  
Geology**

---

**Contents Volume 112, 1997***Expressed*

Topographic slope as an estimator of acoustic impedance

G.L. Bracco Gartner and W. Schlager . . . . . 1

Sequence stratigraphy of Miocene–Pliocene carbonate–siliciclastic shelf deposits in the eastern Mediterranean margin (Israel): effects of eustasy and tectonics

B. Buchbinder and E. Zilberman . . . . . 7

Mechanical compaction versus early cementation in fine-grained limestones: differentiation by the preservation of organic microfossils

H. Westphal and A. Munnecke . . . . . 33

Calcretes at sequence boundaries in Upper Carboniferous cycloths of the Sydney Basin, Atlantic Canada

S.K. Tandon and M.R. Gibling . . . . . 43

Sedimentology and palaeogeography of the regressive–transgressive Kurnub Group (Early Cretaceous) of Jordan

B.S. Amireh . . . . . 69

Carbonate buildup flank deposits: an example from the Permian (Barents Sea, northern Norway) challenges classical facies models

W. Blendinger, B. Bowlin, F.R. Zijp, G. Darke and M. Ekroll . . . . . 89

Grain-size characteristics of the extant tidal flat sediments along the Jiangsu coast, China

X. Wang and X. Ke . . . . . 105

Sedimentology and sequence stratigraphy of the Shanxi Formation (Lower Permian) in the northwestern Ordos Basin, China: an alternative sequence model for fluvial strata

Z. Zhang, K. Sun and J. Yin . . . . . 123

Diagenesis of siliciclastic and volcanoclastic sediments in the Cretaceous and Miocene sequences of the NW African margin (DSDP Leg 47A, Site 397)

L.F. De Ros, S. Morad and I.S. Al-Aasm . . . . . 137

*Book Reviews**Recent Advances in Lower Carboniferous Geology*, by P. Strogen, I.D. Somerville and G.L. Jones — B. Glover . . . . . 157*Terrigenous Clastic Depositional Systems. Application to Fossil Fuel and Groundwater Resources*, by W.E. Galloway and D.K. Hobday — H. Friis . . . . . 158*Modern Carbonates – Tropical, Temperate, Polar: Introduction to sedimentology and geochemistry*, by C. Prasada Rao — L. Jansa . . . . . 159

Genesis of limestone megabreccias and their significance in carbonate sequence stratigraphic models: a review

G.H. Spence and M.E. Tucker . . . . . 163

Stratal architecture of Western Mediterranean Margins as the result of the stacking of Quaternary lowstand deposits below ‘glacio-eustatic fluctuation base-level’

F.L. Chiocci, G. Ercilla and J. Torres . . . . . 195

Sea-level highstand and lowstand shedding related to shelf margin aggradation and emersion, Upper Eocene–Oligocene of Maiella carbonate platform, Italy A. Vecsei and D.G.K. Sanders . . . . .	219
Velocity and turbulence structure of density currents and internal solitary waves: potential sediment transport and the formation of wave ripples in deep water B.C. Kneller, S.J. Bennett and W.D. McCaffrey . . . . .	235
Provenance of multicycle quartz arenites of Pliocene age at Arcos, southwestern Spain J.P. Moral Cardona, J.M. Gutiérrez Mas, A. Sánchez Bellón, F. López-Aguayo and M.A. Caballero . . . . .	251
Zircon typology and geochemistry in the palaeogeographic reconstruction of the Late Ordovician of Sardinia (Italy) A. Loi and M.P. Dabard . . . . .	263
Palygorskite in palaeosols from the Miocene Xiacaowan Formation of Jiangsu and Anhui Provinces, P.R. China D.G.F. Long, A.M. McDonald, Y. Facheng, L. Houjie, Z. Zili and T. Xu . . . . .	281

*Discussion*

Slope turbidite packets in a fore-arc basin fill sequence of the Plio–Pleistocene Kakegawa Group: their formation and sea-level changes — discussion G. Shanmugam . . . . .	297
Slope turbidite packets in a fore-arc basin fill sequence of the Plio–Pleistocene Kakegawa Group: their formation and sea-level changes — reply T. Sakai and F. Masuda . . . . .	301

*Book Reviews*

<i>Recent Advances in Vindhyan Geology</i> , by Ajit Bhattacharyya (Editor) — B.F. Windley . . . . .	305
<i>Floodplain Processes</i> , by M.G. Anderson, D.E. Walling and P.D. Bates (Editors) — A.D. Heap and D.G. Smith . . . . .	305